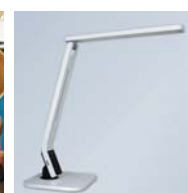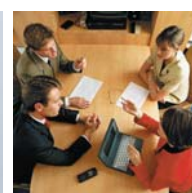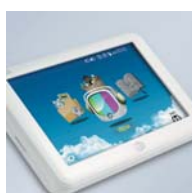# DIASONIC TECHNOLOGY

PRODUCT · GUIDE · BOOK   VOL. 5

www.diasonic.com

About DIASONIC TECHNOLOGY CO., LTD

DIASONIC TECHNOLOGY CO., LTD

Ever since the corporate establishment in 2000, Diasonic Technology Co.,LTD
Has successfully done OEM/ODM business with global leading partners
And continuously grown through new product developments & challenges.

We have a business structure available to support all development process of IT devices like WinCE,
Linux, Android operating system, H/W design, S/W design (application program, firmware) etc,
and providing one-stop service upon customer's request.

Not compromising with the current achievement, I and all staffs of Diasonic Technology will generate
the new customer value more than the customerExpectation and do our best to be the
IT specialist in real life.

Where the customers are, Diasonic Technology will be there always for you.

DIASONIC

Company Milestones

2010   Started mass production of digital voice recorder DDD-7000 series.
Started mass production of e-Dictionary DD-807 Series.
Released of multimedia player M series

2009   Obtained ISO 9001 2008 again.
Got a patent for a bonded factory, and designated.
Obtained INNO BIZ certificate again from Korea small and medium business administration.

2007   Obtained a venture business certificate and a technology guarantee fund certificate.

2006   Selected as a promising small and medium company by Gyeong-Gi province government.
Obtained INNO BIZ certificate from Korea small and medium business administration.

2005   Selected as 10th Gyeong-Gi province promising small and medium company, and awarded a prize of
Gyeong-Gi small and medium company.
Obtained a patent on a new device with portable speaker for charging and a dynamic speaker of MP3.
Obtained a venture business certificate based on R&D type.

2004   Awarded 10 million export prize
Participated in CES, Cebit, GS Shanghai SHOW, HK Show.

2003   Developed world-first multifunctional voice recorder DDR-4000 with a function of AM/FM radio receiver and recorder and started to export.
Released of MP3 player 'DMP-300' USB mass storage device.
Registered a patent on a new design with MP3 player built USB jack.
Participated in CES, Cebit, HK Show

2002   Started mass production of multipurpose voice recorder 'DDR-3000' and MP3 player DMP series.

2001   Moved to current factory in An-Yang city.
Started mass production of digital voice recorder DDR-2100R/2100 Series.
Started mass production of USB storage device 'DATA BANK' DPM-10 Series.

2000   Obtained CE and started mass production of voice recorder DDR-1016/1008/1004.
Renamed to 'Diasonic Technology Co., Ltd' and Mr. Cho Soo-Whoan took office as a president

1998   Obtained ISO 9002 certificate and Q mark

1997   Obtained CE certificate for infrared rays remote controller.
Developed hands -free kits for GSM and CDMA mobile phone.

1995   Registered as radio and AV device manufacturing company.

1992   Founded Kum-Kang Electronics Co., Ltd.
Started mass production of hands-free kits, stereo radio and headphone.

Portable Multimedia Player

Full **HD** m9

FEATURE

- Win CE 6.0
- Multimedia DICTIONARY
- Multi-tasking (2 or 3 functions at one time)
- Full HD Video file Play back (1080P)
  - Codec: H.264/MPEG2, 4/WMV9/Divx/Xvid
- Audio Play
  - Codec: WMA/MP3/WAV/ASF/Ogg/PCM/Dolby Digital
- Voice Recording: WMA
- FM Radio
- DMB (or DVB-T/H): Optional
- WiFi (Optional)

SPECIFICATION

- Full color 4.8" LCD Display (800X480)
- Memory Storage
  - Internal: 8GB~32GB Max.
  - External: 32GB Max. (Micro SD Card Slot/SDHC)
- Battery Life: Video (11hrs) / Audio (25hrs)

❯ HDMI output support

You shall enjoy HD movies with other devices under the support of HDMI.

❯ One touch LCD

You shall operate a high-performance one touch LCD fast and easily.

❯ Easy carrying along with a small and slim design.

Removing unnecessary buttons brought out beauty of brevity even more.

HD m7

FEATURE

- Win CE 6.0
- Multimedia DICTIONARY
- Multi-tasking (2 or 3 functions at one time)
- HD Video file Play back (720P)
  - Codec: H.264/MPEG2, 4/WMV9/Divx/Xvid
- Audio Play
  - Codec: WMA/MP3/WAV/ASF/Ogg/PCM/Dolby Digital
- Voice Recording: WMA
- FM Radio
- DMB (or DVB-T/H): Optional

SPECIFICATION

- Full color 4.3" LCD Display (480X272)
- Memory Storage
  - Internal: 8GB~32GB Max.
  - External: 32GB Max. (Micro SD Card Slot/SDHC)
- Battery Life: Video (12hrs) / Audio (21hrs)

DD-807

Portable Multimedia e-Dictionary

FEATURE

- Win CE 5.0
- Multimedia TV DICTIONARY
- Multi-tasking (2 or 3 functions at one time)
- Video Play (480P)
    - Codec: MPEG2, 4/WMV9/Xvid
- Audio Play
    - Codec: WMA/MP3/WAV/Ogg/PCM
- Voice Recording: WMA
- FM Radio
- DMB (or DVB-T/H): Optional

SPECIFICATION

- Full Color 4.3" LCD Display
- Memory Storage
    - Internal: 4GB~16GB Max.
    - External: 16GB Max. (Micro SD Card Slot/SDHC)
- Battery Life: Video (6.5hrs) / Audio (12.5hrs)
- Soft rubber type keyboard

➤ PEN Recognition
Quick searching with pen recognition.

DD-803

Portable Multimedia e-Dictionary

➤ Drag & Drop
Easy to move and manage files.

FEATURE

- Win CE 5.0
- Multimedia TV DICTIONARY
- Multi-tasking (2 or 3 functions at one time)
- Video Play (480P)
    - Codec: MPEG2, 4/WMV9/Xvid
- Audio Play
    - Codec: WMA/MP3/WAV/Ogg/PCM
- Voice Recording: WMA
- FM Radio
- DMB(or DVB-T/H): Optional
- Wi-Fi (Optional)

SPECIFICATION

- Full Color 4.3" LCD Display
- Memory Storage
    - Internal: 4GB~8GB Max.
    - External: 16GB Max. (Micro SD Card Slot/SDHC)
- Battery Life: Video(6.5hrs) / Audio(12.5hrs)
- Pentagraph type keyboard

DD-900

Portable Multimedia e-Dictionary

FEATURE

- Win CE 6.0
- Multimedia DICTIONARY
- Multi-tasking (2 or 3 functions at one time)
- HD Video file Play back (720P)
  - Codec: H.264/MPEG2, 4/WMV9/Divx/Xvid
- Audio Play
  - Codec: WMA/MP3/WAV/ASF/Ogg/PCM
- Voice Recording: WMA
- FM Radio
- DMB(or DVB-T/H): Optional

SPECIFICATION

- Memory Storage
  - Internal: 8GB~32GB Max.
  - External: 16GB Max. (Micro SD Card Slot/SDHC)
- Battery Life: Video(7.5hrs) / Audio(12hrs)
- Soft rubber type keyboard

▷ AUDIO BOOK
You can hear correct pronunciation of words recorded by native speaker.

▷ MULTI TASKING
Multimedia multitasking teaching machine.

DD-804

Portable Multimedia e-Dictionary

FEATURE

- Win CE 5.0
- Multimedia DICTIONARY
- Multi-tasking (2 or 3 functions at one time)
- Video Play (480P)
  - Codec: H.264/MPEG2, 4/WMV9/Divx/Xvid
- Audio Play
  - Codec: WMA/MP3/WAV/ASF/Ogg/PCM
- Voice Recording: WAV
- FM Radio
- DMB(or DVB-T/H): Optional

SPECIFICATION

- Memory Storage
  - Internal: 4GB~16GB Max.
  - External: 16GB Max. (Micro SD Card Slot/SDHC)
- Battery Life: Video(7.5hrs) / Audio(12.5hrs)
- Soft rubber type keyboard

▷ Slide & Tilt
PMP style design available to use both touchscreen and keyboard simultaneously.

▲ Slide

▲ Tilt

DDR-7000

Linear PCM

Efficient Battery Recharge

FEATURE

■ Voice Recorder

- Linear PCM Recording format equivalent to CD quality
- Rec. Time (2GB)

PCM (WAV)		
XHQ(24bit/44KHz)	SHQ(16bit/44KHz)	HQ(16bit/22KHz)
2H 00M	3H 00M	6H 05M
SP (MP3)		
256Kbps 44KHz	128Kbps 44KHz	96Kbps 44KHz
16H 40M	33H 30M	44H 45M
LP (MP3)		
64Kbps 44KHz	32Kbps 32KHz	16Kbps 8KHz
67H 10M	134H 20M	268H 45M

- Int. Memory: 8GB(Max.) & Ext. Memory: 32GB (Max.)
- FM Radio (Optional)
- Built-in Rechargeable circuit

SPECIFICATION

- "AA"(2EA) Battery
  - Battery Life: Voice Recording (55H)/Audio Play (48H)
- Size: 120x46x21(mm) / Weight: 95g(W/O Battery)
- USB 2.0

BASIC ACCESSORIES

USB Cable	Stereo Earphone	Strap	Alkaline Battery	User Manual

OPTION

AC/DC Adaptor (110V or 220V)	Telephone Adaptor	Ext. MIC.	Line-in Cable	Rechargeable Battery

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DDR-5300

Linear PCM

FEATURE

■ Voice Recorder

- Linear PCM Recording format equivalent to CD quality
- Rec. Time (2GB)

Rec. Quality	PCM	HQ	SP	LP
Format	PCM(WAV)	MP3	MP3	MP3
KHz/Kbps	44100/706	64Kbps	32Kbps	16Kbps
Rec. Time (Hrs)	6H 20M	70H 30M	141H	282H

- Int. Memory: 8GB(Max.) & Ext. Memory: 16GB (Max.)
- FM Radio (Optional)

SPECIFICATION

- "AAA"(2EA) Battery
  - Battery Life: Voice Recording (20H)/Audio Play (20H)
- Size: 100x31x14(mm) / Weight: 35.5g(W/O Battery)
- USB 2.0

BASIC ACCESSORIES

USB Cable	Stereo Earphone	Neck Strap	Alkaline Battery	User Manual

OPTION

AC/DC Adaptor (110V or 220V)	Cellular Ear MIC	Telephone Adaptor	Ext. MIC.	Line-in Cable	External Antenna(FM)

DDR-5000P

Linear PCM

FEATURE

■ Voice Recorder

• Linear PCM Recording format equivalent to CD quality
• Rec. Time (2GB)

	SHQ (PCM)	HQ	SP
Time	6H 20M	140H	280H

• Int. Memory: 2GB & Ext. Memory: 16GB (Max.)
• FM Radio (Optional)

SPECIFICATION

• "AAA"(2EA) Battery
  - Battery Life: Voice Recording (13H)/Audio Play (23H)
• Size: 93.4x35.7x18.3(mm) / Weight: 38g(W/O Battery)
• USB 2.0

BASIC ACCESSORIES

USB Cable	Stereo Earphone	Neck Strap	Battery	External Antenna(FM)

OPTION

AC/DC Adaptor (110V or 220V)	Cellular Ear MIC.	Telephone Adaptor	Ext. MIC.	Line-in Cable

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DDR-6000P

Pen Type Linear PCM

FEATURE

■ Voice Recorder

• Linear PCM Recording format equivalent to CD quality
• Rec. Time (2GB)

	SHQ (PCM)	HQ	SP
Time	6H 20M	140H	280H

• Int. Memory: 4GB(Max.)
• FM Radio (Optional)

SPECIFICATION

• "AAA"(1EA) Battery
  - Battery Life: Voice Recording (4H)/Audio Play (7H)
• Size: 18∅x146mm / Weight: 32g(W/O Battery)
• USB 2.0

BASIC ACCESSORIES

USB Cable	Stereo Earphone	Neck Strap	Battery	External Antenna(FM)

OPTION

AC/DC Adaptor (110V or 220V)	Cellular Ear MIC.	Telephone Adaptor	Ext. MIC.	Line-in Cable

DDR-4500

AM/FM Radio Receiver & Recorder

FEATURE

- Receiving AM & FM radio stations
- Stereo Linear PCM Recording format
- Onboard Stereo Microphone
- External memory expandability (Up to 32GB)
- Rec. Time (2GB)

MP3					PCM(WAV)
32kbps	64kbps	96kbps	128kbps	192kbps	PCM
138H 10M	69H 20M	46H 20M	34H 40M	23H 10M	3H 10M

In case of FM radio recording, automatically stereo or mono is selected by quality of an receiving signal.

SPECIFICATION

- Easy changeable battery ("AAA"(2EA) Battery)
  - Battery Life: Voice Recording (7H)/Audio Play (11H)
- Wide Dot matrix(160x96dot) with LED backlight
- LCD Size: 43.6x24.6mm   • USB 2.0

BASIC ACCESSORIES   OPTION

| USB Cable | Stereo Earphone | Neck Strap | Alkaline Battery | External Antenna(FM) | AC/DC Adaptor (110V or 220V) | Line-in/out Cable |

DDR-4300

AM/FM Radio Receiver & Recorder

FEATURE

- Portable AM/FM Radio Recorder
- External memory expandability (Up to 32GB)
- 20multi-Program Timer Recording
- Rec. Time:145hrs(MP3/32kbps) (2GB)

SPECIFICATION

- Rechargeable Li-Polymer Battery
  - Battery Life: Voice Recording (15H)/Audio Play (18H)
- Dockingstation for change & pc connect
- Dot matrix(160x96) Display with White backlight
- USB 2.0

BASIC ACCESSORIES   OPTION

| USB Cable | Stereo Earphone | Neck Strap | Line-in/out Cable | External Antenna(FM) | AC/DC Adaptor (110V or 220V) | Cradle | AM Patch Antenna |

DDR-4600

AM/FM Radio Receiver & Recorder/ DAB

FEATURE

- DAB for Band Ⅲ, L, +
- Stereo Linear PCM Recording format
- Receiving DAB & FM radio stations
- External memory expandability (Up to 32GB)
- Rec. Time (2GB)

MP3					PCM(WAV)
32kbps	64kbps	96kbps	128kbps	192kbps	PCM
138H 10M	69H 20M	46H 20M	34H 40M	23H 10M	3H 10M

In case of FM radio recording, automatically stereo or mono is selected by quality of an receiving signal.

SPECIFICATION

- Easy changeable battery ("AAA"(2EA) Battery)
  - Battery Life: Voice Recording (7H)/Audio Play (11H)
- Wide Dot matrix(160x96dot) with LED backlight
- LCD Size: 43.6x24.6mm   • USB 2.0

BASIC ACCESSORIES   OPTION

| USB Cable | Stereo Earphone | Neck Strap | Alkaline Battery | External Antenna(FM) | AC/DC Adaptor (110V or 220V) | Line-in/out Cable |

PDVR-1000

Pocket mini-DVR

FEATURE

- 2.4" color LCD (240 x 320)
- Time & Date Stamping
- The most advanced video recording format (H.264)
  - Efficiency compression & resolution of recording file
    (720 x 480/30fps/Max.)
- Recording time

Int. Memory	1GB	2GB	4GB	8GB
Rec. Time	11H	22H	44H	88H

  - 176x120/30fps/NTSC

- External micro SD card slot compatible with SDHC (16GB)
- Securely recording file backup at low battery power
- Motion Detecting Activation
- Audio: MP3 (Playback) / WAV (Recording)
- Various Recording Option
  - Overwriting with endless / Timer Rec. (Off/Day/Daily/Weekly)
  - Rec. Video+Audio / Video or Audio only
  - Rec. fps (1-30fps) & quality (High/Std./Low) selectable
- Security Recording Mode (LCD On/Off in recording)
- Snap Photo Shot
- Built-in mic. & Speaker (mono)
- Wired remote controller (Stop/Pause/Rec)
- NTSC or PAL selectable in the recorder (AV-in/out)
- Built-in rechargeable battery (2.5hrs lasting in rec./2000mAH)

SPECIFICATION

- AC/DC adaptor (DC5V2A)
- USB 2.0 PC interface
- Size: 95.6 x 59.6 x 18.3(mm)
- Weight: 98.5g
- Basic Accessories
  - Pinhole cam (Button, Screw Adaptor, Wall Bracket)
  - USB Cable   - AC/DC Adaptor
  - AV Out Cable   - Neck Strap
- Optional Accessories
  - Remote Controller   - Extra Battery Pack
  - Camera Extention Cable   - Stereo Earphone   - AV in Cable

CAMERA

- 1/3" Color Sony CCD pinhole camera
- NTSC(768 x 492) / PAL(768 x 582)
- 450 TV Line
- 1 / 60-1 / 110,000sec(Auto) of Electronic Shutter
- 0.1Lux (Min. Illumination)
- 90 degree of Angle of View
- Auto White Balance
- 5V 200mA
- 4 different button & screw adaptor
- Separated wired microphone (-32dB)
- Size: 29.4 x 27.8 x 18.2(mm) Including button adaptor height
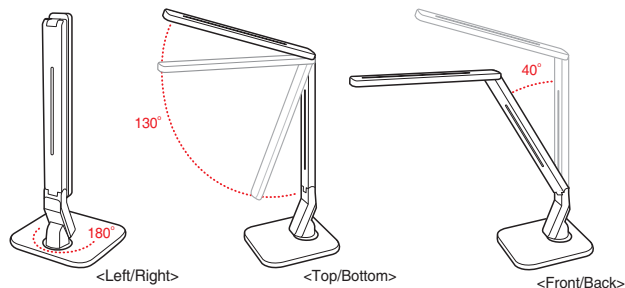- Weight: 22.5g Including ext. mic & cable

LED DESK LAMP

DL-70/DL-90

LED Desk Lamp

Free angle adjustment

130°   180°   40°

<Left/Right>   <Top/Bottom>   <Front/Back>

350mm

- ▶ *Diffuser film* to prevent glaring light.
- ▶ *Semi-permanent life time*.
- ▶ Extremely *low power* consumption.

- ▶ Mood lighting function.

DL-70/90 **VS** Fluorescent desk map

Feature	LED desk lamp	Normal fluorescent desk lamp
Brightness	1200 Lux	900 Lux
Life Time	Apprx. 40,000 hours	3,000 hours
Power consumption	12W (MAX)	40W
Glare	NO	Yes
Harmful Substance	NO	Yes
Safety	Low Voltage (DV 9.5V)	High Voltage (AC 100~230V)
Color rendering Index	Max. 90	50
Eyesight protection	No flickering	Flickering

※ *Only DL-90 contains color temperature change function and has USB Port*

430mm

- ▶ *Five step brightness* control function.
- ▶ *One-touch* control function.
- ▶ *sorts of color temperatures.*

Reading	Science & Mathematics	Relax	Bedtime

- ▶ **Weight : 1200g**
- ▶ USB port for power

▶ AC/DC Adaptor
DV9.5V/2.8A

172mm   180mm

GALLERY

Company View

Q.C. Equipment

Production Line 1

Production Line 2

SMT Line 1

SMT Line 2
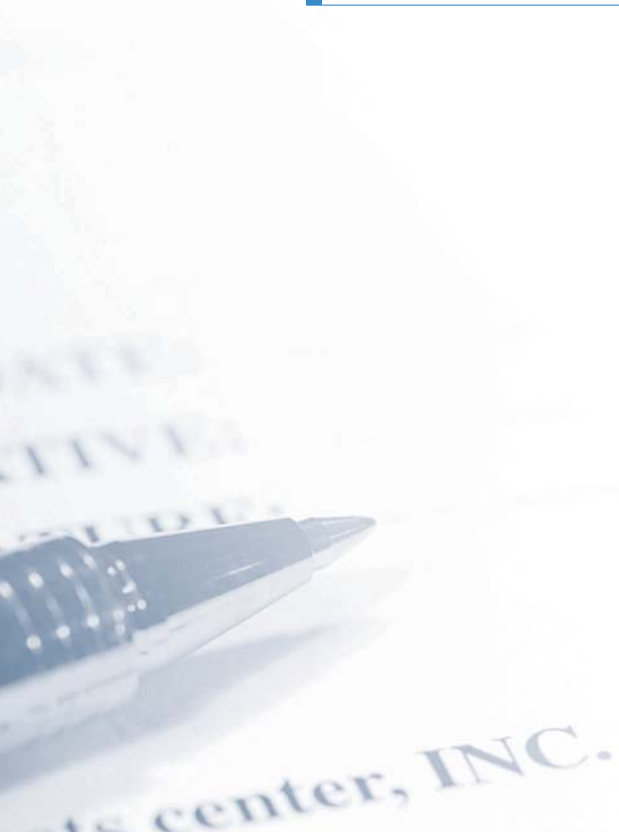
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